ABSTRACT

Disclosed are full length isolated DNAs encoding cystic fibrosis transmembrane conductance regulator (CFTR) protein and a variety of mutants thereof. Also disclosed are antibodies specific for various CFTR domains and methods for their production. Expression of CFTR from cells transformed with these CFTR genes or cDNAs demonstrate surprising CFTR intracellular distributions and results thereby providing for new diagnostic and therapeutic procedures.

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